Filing Date: September 24, 2003

Title: SEAMLESS ROAMING APPARATUS, SYSTEMS, AND METHODS

Assignee: Intel Corporation

IN THE SPECIFICATION

Paragraph [0002] is amended as follows:

In a number of geographic locations, one or more networks are available for use [0002] by wireless computing platform users. Ideally, user communications should be conducted in a seamless fashion, even when a connection is initiated on one network and completed on another network. For example, a mobile user may begin communication using a wide area network (WAN) and move to a location where only a wireless local area networks (WLAN) is available. During the transition from the WAN to the WLAN, signal strength may degrade, and the connection may be lost.

Paragraph [0026] is amended as follows:

The method may continue at block 435 with searching for a benefit associated [0026] with a connection obtained by switching from receiving first information from the first network to receiving second information from the second network. This activity may include determining the value of the benefit associated with coupling the device to the second protocol and decoupling the device from the first protocol. The method 411 may include selecting a network via the value of the benefit associated with the connection at block 451.

Paragraph [0027] is amended as follows:

As noted previously, the value of a particular benefit may be associated with many [0027] connection attributes, selected from one or more of: a faster network type, an improved network capability, a reduced network activity level, an improved signal strength, an improved quality of service, an improved bandwidth, an improved signal-to-noise ratio, an improved signal-tointerference ratio, an improved multipath condition, a favored service provider, a reduced

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monetary cost, user-preferred information, and a user-preferred service. The benefit may even be selected in accordance with a relationship between network administrators, ISPs, and/or one or more users, including a pecuniary relationship.

Paragraph [0028] is amended as follows:

[0028] If necessary, the method 411 may include selecting a modulation and/or demodulation code from a plurality of codes at block 455, and receiving, downloading, and/or storing the selected modulation and/or demodulation code to modulate/demodulate information, including the second information received from the second network at block 461. This activity may include downloading to the device (perhaps including receiving and storing) a modulation or demodulation code associated with a second protocol. The modulation code may be associated with or complement the demodulation code, such that information modulated using the modulation code may be demodulated into its original form using the associated demodulation code. The method 411 may include coupling the device to the second protocol at block 465.